ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS       | ID NO. | DATE       |  |  |  |  |  |  |
|---------------------------|----------------|--------|------------|--|--|--|--|--|--|
| FEE DETERMINATION         |                | :      | 173/20 for |  |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       | h <del>,</del> | 7      | 5-15-01    |  |  |  |  |  |  |
| FORMALITY REVIEW          | ji/ -5         | 866    | 06 14.01   |  |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | 2/8            | 1091   | 8 22 01    |  |  |  |  |  |  |
|                           |                |        |            |  |  |  |  |  |  |

## INDEX OF CLAIMS

| J | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    | 1 | Interference |
|   | (Through numeral) Canceled | Α | Appeal       |
|   |                            | 0 | Objected     |

|      |            |          |  |            |              |              |          |              | (Through numeral) Canceled |               |               |                 |       |                |          |           |           |         | A Appeal O Objected |            |                |           |          |             |          |    |          |            |                 |                |                |  |                |  |
|------|------------|----------|--|------------|--------------|--------------|----------|--------------|----------------------------|---------------|---------------|-----------------|-------|----------------|----------|-----------|-----------|---------|---------------------|------------|----------------|-----------|----------|-------------|----------|----|----------|------------|-----------------|----------------|----------------|--|----------------|--|
|      |            |          |  |            |              | 1            | ÷        | • • •        |                            |               | • • • • •     |                 | ••••• | F              | test     | ricte     | d         |         |                     |            | 0              | • • • • • | ••••     | ••••        |          |    |          | . Obje     | nea             |                |                |  |                |  |
| г    | _          |          |  | _1         |              | L            | _        |              |                            |               |               |                 | 1 1   |                |          |           |           |         |                     |            | _              |           |          |             |          |    |          |            |                 | <b>-</b> ,     |                |  |                |  |
| ŀ    | Cla        |          | 5  | 4,         | Š            |              | Dat      | te           | г т                        |               |               | r               |       | Cla            |          | -         | -т        |         |                     | Date       | <del>-</del>   |           |          |             |          | i  | Cla      |            |                 | Γ              | r              | Dat  | L              | Τ-   |
| Ì    | _          | Driginat | 900  | 0          | 1,2          | 4            | 火        | l            |                            | i '           |               |                 |       | _              | Onginal  | ļ         | 1         | 1       | ı                   | ļ          | ļ              | -         |          | ì           |          |    | -        | Original   |                 | ĺ              | 1              | ì  |                |  |
| ł    | Final      | 를        | ij   | ×          | $\gamma$     | 163          | 12       | 1            | 1                          | 1             | 1             | 1               | 1     | Final          | Ę        | 1         | Ì         | - {     | - {                 | - }        | ł              | - 1       |          | - {         | - {      |    | Final    | 릙          | 1               | i              | ł              |  | 1 ;            | ļ  |
| ŀ    | 77         | n        | u  | <b>!</b> ~ | /            | łυ           |          | ┪            |                            | <u> </u>      |               |                 | 1     | ۳              | 51       | +         | -+        | -†      | - 1                 |            | $\dashv$       | -1        |          |             | ٦        |    |          | 101        | <del>  -</del>  | ļ              | <u> </u>       | $\vdash$   | ī 「            | ŀ  |
| ŀ    | •          | ₹        | Ĭř   | 1          |              | H            | ┝═       | $\vdash$     | Н                          | -             | -             | ├               |       | ┢              | 52       | -         | -†        | - +     |                     |            | $\neg$         |           | -        | -           | ⊣        |    |          | 102        | Г               | †              | <del></del>    | <b>†</b>   | <del> </del>   | ╁╴   |
|      | ₹          | 3        | ٦  | <b>-</b>   | 1            | ⊬            | ÌΞ       | $\vdash$     | $\vdash$                   | -             |               | <b>├</b> ┈-     | }     | $\vdash$       | 53       |           | - †       | 7       | _                   |            | $\neg$         |           |          |             | 7        |    | -        | 103        | <u></u>         |                | <u> </u>       | <del>                                     </del> | 1              | H  |
|      | 3          | 4        |  | ۲.         | Ť            | 1            | 1        |              | H                          | <del> -</del> | Н             | ├─              | 1     |                | 54       | -         | 7         | 7       |                     |            | $\dashv$       | $\neg$    |          | $\Box$      | -        |    |          | 104        |                 | <u> </u>       | ⇈              | T  | 1              | <del>;                                    </del> |
| ı    | ¥          | 5        |  | ۲×         | Z            | Ħ            | 11       | Т            | <u> </u>                   | _             | -             | Г               |       | Г              | 55       |           | 1         | 7       |                     |            |                |           | П        |             |          |    |          | 105        | Γ               |                |                | Ţ  | Γ              | L  |
| Į    | r          | 8        | 1.7  | Τč         | 7            | Π            | П        |              |                            |               | П             |                 | ]     |                | 56       |           |           |         |                     |            |                |           |          |             |          |    |          | 106        | L               | L.             | L              |  |                | L  |
| [    | 6          | 7        |  | Į          | T            | П            |          | Ĺ            |                            |               |               |                 |       |                | 57       |           |           |         |                     |            |                |           |          |             |          |    |          | 107        | L               | _              | L              | Ĺ.   |                | L  |
|      | Ž          | 8        |  | Ĺ          | $\Pi$        | $\square$    | П        | $\Box$       |                            |               |               | Ι.              | ]     |                | 58       |           |           |         |                     |            |                |           |          |             |          |    |          | 108        | 1_              | L              | Ì              |  | <u> </u>       | L  |
| ٠.,  | 3          | 9        |  | L          | $L_1$        | Ш            | П        | L            | 匚                          | L_            | L             | L_              | }     | <u>L</u>       | 59       | LJ.       |           | _       | L                   |            |                |           |          |             | Ц        |    | L        | 109        | ╄               | Ļ              | <u> </u>       | 1  | <del> </del>   | L  |
| . 2  | 9          | 10       |  | 1          | L            | Ц            | Ц        | L.           |                            | _             |               | L               | 1     |                | 60       | 1_1       | _         | _       |                     |            |                |           | Ш        |             |          |    |          | 110        | ┖               | <b>!</b> _     | 上              | Ļ  | <del> </del>   | L  |
| ٧.٧  | 13         | 11       | 1  | 1_         |              | V            | 1=       | <u> </u>     |                            |               | <u> </u>      | <u> </u>        | 1     | ᆫ              | 61       | $\vdash$  | -4        | _       | _                   | _          | L              |           | Ш        | Щ           |          |    | _        | 111        | ╄               | ┺              | ┡              | $\vdash$   | <del> </del>   | ╀  |
|      |            | 18       | 1  |            | <b>L</b>     | 1            | <u> </u> | ١            | L                          | <u> </u>      | ㄴ             | L               | 1     | ╙              | 62       | <b> </b>  | 4         | _       | _                   | L          |                | _         |          |             | _        |    | ⊢        | 112        | <b> </b>        | L              | ╄              | ↓_   | <del> </del> _ | 1  |
|      | 110        | (13      | 1  | 1          | <u> </u>     | 1×           | 1=       | <u> </u>     | $\perp$                    | L_            | <del>[_</del> | Ĺ               | 1     | <u> </u>       | 63       | H         | {         | -1      |                     | Ш          |                | Ш         | Н        |             |          |    | <u> </u> | 113        |                 | <u> </u>       | ⊱              | <b>∔</b> —                                       | ┼              | ₽.   |
|      | 12         | 14       | 1/   | Ľ          | J.           | Н            | 11       | <u> </u>     | ļ                          | ļ_            | _             | ļ               | Į     | ┡              | 64       | ┞╼╂       | _         |         |                     |            |                | <b></b>   | H        |             | -        |    | Ļ        | 114        | ╄               | <del> </del>   | ₽              | ┼  | ┼—             | ╀  |
|      | IJ,        | 15       |  | ען         | H            | ₩            | Н        | ╁-           | <b>!</b>                   | <b> </b>      | 1             | ļ               | -     | ⊢              | 65       | $\vdash$  | 4         | _       | Ь                   | Щ          |                | ш         | Ш        |             | -        |    |          | 115<br>116 | ╂               | ⊢              | ╄-             | ┈  | ┼              | ╀  |
|      | 14         |          |  | Įν         | H            | #            | H        | 4-           | -                          | <b> -</b>     | <u> </u>      | <b>!</b>        | 1 1   | <b>⊢</b> -     | 66<br>67 | ⊢⊦        | -4        |         |                     | Н          | -              | -         | Н        | -           | -4       |    | H        | 117        | ⊬               | ╙              | <b>├</b> —     | ⊬  | <del></del>    | ⊬  |
|      | 片          | 17       |  | ļ٧         | И            | ₩            | 4+       | ╀            | -                          | ├-            | <del> </del>  | <del> </del>    | -     |                | 68       | ╌┼        | 4         |         | -                   | H          |                |           | -        |             | $\dashv$ |    | -        | 118        | ╁┯              | <del> </del>   | <del>├</del>   | ╆━   | ╁╌             | ╄  |
|      | 16         |          |  | 1          | ₩            | ۲×           | F        | ⊢            | ┢                          | ├             | ├-            | ╀               | ł     | ⊢              | 69       | ┝╌┼       | -+        |         | -                   |            |                |           | Н        |             | $\dashv$ | 30 | -        | 119        | ╁               | ╆╌             | ₩              | ₩  | ╁              | ╀  |
| - 1  | بٰ         | M        | Ĺ,   | r          | ļ.           | -            | <u> </u> | ╁┈           | <b>├</b> ─                 | <u> </u>      | ⊢             | ₽-              | ,     | <b> </b>       | 70       | ╁╌╁       |           |         | -                   | Н          | Н              |           | Н        |             | 4        |    | Н        | 120        | ╁               | ╀              | ⊬              | ╁╾   | ┼              | ╀  |
|      |            | 8        | ۲  | 1          |              | ( v          | ١        | ┡            | ┡                          | ┡             | L.            | ┞               |       | ├—             |          | H         | -         |         | -                   |            | _              | -         | Н        | Щ           | Н        |    | $\vdash$ |            | ╄               | ⊢              | ┢              | ╄╌   | ₩              | ╀  |
|      | <u> </u>   | 1        | -  | ľ          |              | ٠.           | ┝        | ⊢            | ┢                          | -             | Ŀ.            | ⊢               | 1     | ├              | 71<br>72 | ┝╼┾       | -1        |         | _                   | Н          |                | _         | Н        |             |          |    | -        | 121<br>122 | +-              | ╌              | ╁╾             | ┿  | ╁              | ╀  |
| 1    |            | 23       | 27   | بدإ        | ~            | 3.           | ļ        | <del> </del> | -                          | Ľ             | <u> </u>      | ļ               | 1     | ⊢              | 73       | ┝╌┼       | -         |         |                     | Н          | $\dashv$       | -         | Н        |             |          |    | -        | 123        | ╁               | ⊢              | ╁╌             | ╂─   | ┼              | +-   |
| 1    |            | 24       |  | -          | <u> </u>     | -            | ┝        | -            | -                          |               |               | <b> -</b> -     |       |                | 74       |           | 十         | -       |                     | Н          |                | -         | Н        | -           |          |    | -        | 124        | ╁               | ┢              | -              | ╁  | <del> </del>   | ╁  |
|      | -          | 25       | -  | <b></b>    | -            |              | ├        | ┝            | ┢                          | ⊢             |               |                 | 1     |                | 75       | $\vdash$  | -1        | -1      | -                   | -          | -              |           |          |             |          |    | -        | 125        | ╆┈              | ⊢              | ╁┈             | +  | ┼-             | ╁╌   |
|      | -          | 28       | <del>                                     </del> |            | <del> </del> | <del> </del> | -        | Η-           |                            | Η.            | -             | -               | ł     | <del>  -</del> | 78       | -         | -         | -)      | т,                  |            |                | _         |          |             |          |    |          | 126        | ✝               | ├─             | ┰              | <del>                                     </del> | †              | ϯ  |
|      | 3          | 27       | -  | -          | 1.           | 1            | ├-       | 1            | Н                          |               | -             | $\vdash$        |       | Н              | 77       | $\vdash$  | -         | -1      |                     |            | 一              | -         | Н        | $\exists$   |          |    |          | 127        | ┼─              | ✝              | H              | 1  | ╁              | t  |
| ,    |            | 28       | 1  | ┪          | -            |              | ┝┈       | -            | Н                          |               | $\vdash$      |                 |       | $\vdash$       | 78       | $\vdash$  | ┪         | ^       |                     |            |                |           |          |             | ᅱ        |    |          | 128        | ✝               | 1              | t              | T  | $\vdash$       | T  |
| 1    | 닉          | 29       | 1  | Ι:         | -            | 1            | ┝        |              | П                          |               | Н             |                 |       | _              | 79       | $\vdash$  |           | 1       |                     |            |                | _         |          |             | ᄀ        |    | _        | 129        | 十               | T              | Г              | T  | $\vdash$       | r  |
| :    | _          | 30       |  |            |              |              | Ι-       |              | П                          | -             |               | Н               | [     |                | 80       |           | 7         | _       | $\neg$              |            | T              | $\neg$    |          |             |          |    |          | 130        | T               | Г              | Г              | Г  | 1              | 1  |
| ी    | _          | 31       | П  | _          |              | Ť.           | _        | _            |                            |               |               |                 |       |                | 81       | 7         | 7         |         |                     |            |                |           |          |             |          |    |          | 131        | Γ               | _              | Г              |  |                | Γ  |
| ١.   | _          | 32       |  |            |              |              | _        | Г            | $\Box$                     | ļ             |               |                 |       |                | 82       |           |           |         |                     |            |                |           |          |             |          |    |          | 132        | $\prod$         |                | $\Gamma$       |  | L              | L  |
|      |            | 33       |  |            |              |              |          |              |                            |               |               |                 | 1     |                | 83       |           | $\exists$ | $\Box$  |                     |            |                |           |          |             |          |    |          | 133        | 匚               | Ι              | L              | L  |                | L  |
| . [  |            | 3        |  |            |              |              |          |              |                            |               |               |                 |       |                | 84       |           |           | $\perp$ |                     |            |                |           |          |             |          |    |          | 134        | _               | L              | L              | 1_   | L_             | L  |
| ٠ [  |            | 3        |  |            |              |              |          |              |                            |               |               |                 |       |                | 85       |           | _         | l       |                     |            | $\Box$         |           |          |             |          |    |          | 135        | 1_              | L              | <u> </u>       | 上  | L              | L  |
| ·L   |            | 36       |  |            |              | Ш            |          | Ш            |                            |               |               |                 | 1     |                | 88       |           | 4         | 4       | _4                  |            | _              | _         |          |             | _        |    |          | 136        | ┺               | L              | ↓_             | ļ  | L              | ļ.,  |
| L    | _          | 37       |  |            |              | Ш            |          |              |                            |               | _             |                 | 1     | Щ              | 87       |           | 4         | _       | _                   | _          | _              | _         |          | _           | _        |    |          | 137        | <del> </del> _  | Ļ.             | Ļ              | ╄  | ↓_             | L  |
| Ļ    | _          | 38       | Ш  |            |              | Ш            |          | Ш            | Щ                          |               | Ш             |                 |       | $\Box$         | 88       |           | -4        |         | _                   |            | _              |           | Ш        | -1          | _        |    | _        | 138        | <u>Ļ</u>        | Ļ.             | L              | <b>↓</b>   | ╙              | ļ.   |
|      | _          | 39       | Ш  | _          | Щ            | Ц            | _        |              | $\sqcup$                   | _             | Щ             | Щ               | [ ]   |                | 89       | 니.        | -         | _ļ      |                     |            |                | _         |          |             | 4        |    | L,       | 139        | ┾~              | <del> </del> — | <del> </del> - | <b>∤</b>   | ╄-             | ╀  |
| ļ    | _          | 40       | Ш  |            |              | L            |          | _            |                            | _             |               |                 | 1     |                | 8        | _ <u></u> | -1        | _       | _                   |            |                |           |          |             | _{       |    |          | 140        | <u> </u>        | <b>Ļ</b> -     | ļ              | <b>├</b>   | <del> </del>   | ļ-   |
| Ļ    | _          | 41       |  |            | _            | Ш            |          | _            |                            |               |               |                 |       | _              | 91       |           | 4         | -1      | _                   | _          |                |           |          |             |          |    |          | 141        | <del>  _ </del> | Ļ              | <u> </u>       | ₽.   | ـــ            | L  |
| Į.   | _          | 42       | Щ  | L_,        | L.,          | Щ            | L.,      |              | <b> </b>                   |               | L.            | <u> </u>        | ] ]   | Щ              | 92       | Щ.        | 4         | ļ       |                     |            |                |           | Щ        |             | ,        |    |          | 142        | 十               | <del> </del> _ | Ļ.             | ₩  | ╁              | Ł  |
| Ļ    |            | 43       | $\vdash$   | -          | Щ            | 니            |          | $\vdash$     | dash                       | _             | Ш             | Н               |       |                | 93       | 4         | 4         |         | _                   |            |                |           |          | -1          | $\dashv$ |    | _        | 143        |                 | Ļ              | <del> </del>   | ┼  | $\vdash$       | Ή  |
| ŀ    | _          | 44       | H  | <u> </u>   | Ш            | Ш            | Ļ        |              | $\sqsubseteq$              |               | Щ             | ļļ              |       | $\vdash$       | 94       |           | 4         |         |                     |            | _              | 1         | $\vdash$ |             | 긕        |    |          | 144        | <del> </del> -  | <u> </u>       | $\vdash$       | -  | +-             | Ļ  |
| -    |            | 45       | Ш  | $\vdash$   | Ι            | Н            | <u> </u> |              |                            | _             | $\vdash$      | <u> </u>        |       | ļ              | 95       |           | +         | -       |                     |            | ¦              |           | 닏┤       | $\dashv$    |          |    |          | 145        | 1-              | <b>├</b>       | <del> </del>   | <b>!</b> —                                       | 1-             | $\vdash$   |
| -    | -{         | 48<br>47 | ┝╼╢  |            | $\vdash$     | H            |          | $\vdash$     | -                          | - {           | $\vdash$      | Н               |       | -              | 95<br>97 | -+        | $\dashv$  | -{      | $\dashv$            | <b>—</b> { | {              | (         | - {      |             | $\dashv$ |    |          | 146        | ┼               | $\vdash$       | <del> </del>   | $\vdash$   | 1              | f.   |
| -  - |            | 47<br>48 |  | $\vdash$   |              | $\vdash$     | Ь-       | H            | $\vdash$                   |               |               |                 |       |                | 98       | +         | +         |         | -                   |            | {              | 1         | $\vdash$ | <b>-</b> -∤ | -        |    |          | 148        |                 | <u>Ļ</u> -     | $\vdash$       | -  | +-             | +  |
| H    | <b>-</b> ∤ | 49       |  | -          | Н            | Н            | -        | <u> </u>     | $\vdash$                   | -             | $\vdash$      | $\vdash$        |       | ⊦⊦             | 99       |           | +         | -       | -                   |            | — <del> </del> |           |          |             | {        |    |          | 149        | ļ               | <del> </del>   |                | +~   | +-             | t  |
| - 1  | -1         | 50       | H  |            |              |              |          | Н            | $\vdash \vdash$            | -1            |               | $\vdash \dashv$ |       |                | 100      | <u>.</u>  | +         | -†      | -                   |            | <del> </del>   | 1         |          |             | -{       |    |          | 150        | <del>}</del>    | 1              | <del>!</del> – | <b>.</b>   | 1              | +-   |
| ١.   |            | ¥.       | ٠١   |            |              | _            |          | د            |                            |               |               |                 |       | نـــــ ن       |          | ·         |           |         |                     |            |                |           |          | 1           | ,        |    |          |            | • •             | • • •          |                |  |                |  |

If more than 150 claims or 10 actions staple additional sheet here

(CEFT iNSIDE)



